

11-27-01

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PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 9551-0032

Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	9D-HR-19209
First Inventor	Gray et al.
Title	DC MOTOR SPEED CONTROL SYSTEM
Express Mail Label No.	EL877711749US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. ☐ Application claims small entity status.
See 37 CFR 1.27
3. ☒ Specification [Total Pages 21]
(Preferred arrangement set forth below)
- Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fee sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 USC 113) [Total Sheets 4]
5. ☐ Oath or Declaration [Total Pages]
- a. ☐ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
- i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b)
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement
(when there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure
Statement (IDS)/PTO-1449 ☐ Copies of IDS
Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically imprinted)
15. ☐ Certified Copy of Priority Document(s)
(If foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or
its equivalent.
17. ☒ Other: Certificate of Express Mail, Declaration
and Power of Attorney (for
identification purposes only)

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or
in an Application Data Sheet under 37 CFR 1.76:
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: ____/____

Prior application information:

Examiner

Group/Art Unit

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box
5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The
incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label (Insert Custom No. or Attach bar code label here) or ☒ Correspondence address below

Name	John S. Beulick			
	Armstrong Teasdale LLP			
Address	One Metropolitan Sq., Suite 2600			
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Name (Print/type)	Bruce T. Atkins	Registration No. (Attorney/Agent)	43,476
Signature	<i>Bruce T. Atkins</i>	Date	11-14-01

Burden Hour Statement. This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the
amount of time you are required to complete this form should be sent to the Chief Information Office, Patent and trademark Office, Washington, DC 20231. DO NOT
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11/14/01

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**FEE TRANSMITTAL
for FY 2001**

Patent fees are subject to annual revision

Complete if Known

Application Number	
Filing Date	
First Named Inventor	Gray et al
Group Art Unit	
Examiner Name	
Attorney Docket Number	9D-HR-19209

TOTAL AMOUNT OF PAYMENT (\$) 1,754 00

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to

Deposit Account Number 01-2384

Deposit Account Name

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
☐ Applicant claims small entity status See 37 CFR 1.27

2 Payment Enclosed

- ☐ Check ☐ Credit Card ☐ Money Order ☐ Other

FEE CALCULATION**1. BASIC FILING FEE**

Large Fee Code (\$)	Entity Small Fee Code (\$)	Fee Description	Fee Paid
101	740 201	Utility Filing Fee	740 00
106	330 206	Design Filing Fee	
107	510 207	Plant Filing Fee	
108	740 208	Reissue filing Fee	
114	160 214	Provisional Filing Fee	
SUBTOTAL (1)			740 00

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee From Below	Fee Paid
53	-20** 33	18	594.00
Independent Claims	8	-3* 5	420.00
Multiple Dependent			

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

**or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Fee Code (\$)	Entity Small Fee Code (\$)	Fee Description	Fee Paid
105	130 205	65 Surcharge - late filing fee or oath	
127	50 227	25 Surcharge-late provisional filing fee or cover sheet	
139	130 139	130 Non-English specification	
147	2520 147	2520 For filing a request for ex parte reexamination	
112	920* 112	920* Requesting publication of SIR prior to Examiner action	
113	1840* 113	1840* Requesting publication of SIR after Examiner action	
115	110 215	55 Extension for reply within first month	
116	400 216	200 Extension for reply within second month	
117	920 217	460 Extension for reply within third month	
118	1440 218	720 Extension for reply within fourth month	
128	1960 228	980 Extension for reply within fifth month	
119	320 219	160 Notice of Appeal	
120	320 220	160 Filing a brief in support of an appeal	
121	280 221	140 Request for oral hearing	
138	1510 138	1510 Petition to institute a public use proceeding	
140	110 240	55 Petition to revive - unavoidable	
141	1280 241	640 Petition to revive - unintentional	
142	1280 242	640 Utility issue fee (or reissue)	
143	460 243	230 Design issue fee	
144	620 244	310 Plant issue fee	
122	130 122	130 Petitions to the Commissioner	
123	50 123	50 Petitions related to provisional applications	
126	180 126	180 Submission of Information Disclosure Sheet	
581	40 581	40 Recording each patent assignment per property (times number of properties)	
146	740 246	370 Filing a submission after a final rejection (37 CFR 1.129(a))	
149	740 249	370 For each additional invention to be examined (37 CFR 1.129(b))	
179	740 279	370 Request for Continued Examination (RCE)	
169	900 169	900 Request for expedited examination of a design application	
Other fee (specify)			
*Reduced by Basic Filing Fee Paid			
SUBTOTAL (3)			-0-

SUBMITTED BY

Name (Print/Type) Bruce T. Atkins

Registration No. (Attorney/Agent) 43,476

Complete (if applicable)

Telephone 314-621-5070

Signature

Date 11-14-01

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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CERTIFICATE OF MAILING BY EXPRESS MAIL TO
THE COMMISSIONER OF PATENTS AND TRADEMARKS

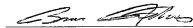
Express Mail mailing label number: **EL817711749US**

Date of Mailing: **November 14, 2001**

I certify that the attached utility patent application of **Steven Gray, Wolfgang Daum, John Steven Holmes, Rollic Richard Herzog and Mark Robert Mathews** for **DC MOTOR SPEED CONTROL SYSTEM** (Attorney Docket No. 9D-HR-19209) including:

- Ten (10) pages of specification; ten (10) pages of claims; one (1) page of abstract
- Drawings (4 sheets)
- Utility Patent Application Transmittal (1 pg.)
- Fee Transmittal (in duplicate) (1 pg.)
- Declaration and Power of Attorney (2 pgs.)(for identification purposes only)
- Certificate of Mailing Via Express Mail (1 pg.)
- Return post card

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above in an envelope addressed to the Assistant Commissioner for Patents, Box PATENT APPLICATION, Washington, D.C. 20231.



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